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NOTICE OF ALLOWANCE AND FEE(S) DUE

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04/19/2004

HEWLETT PACKARD COMPANY P O BOX 272400, 3404 E. HARMONY ROAD INTELLECTUAL PROPERTY ADMINISTRATION FORT COLLINS, CO 80527-2400 EXAMINER
GUSHI, ROSS N

PAPER NUMBER

ART UNIT

DATE MAILED: 04/19/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/719,703	11/20/2003	Paul E. Westphall	200302585-2 (1662-66501)	2962

TITLE OF INVENTION: SELF-LOCKING MECHANISM FOR A HOT PLUGGABLE PRINTED CIRCUIT BOARD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	07/19/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this f rm, t gether with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/719,703 11/20/2003 Paul E. Westphall 200302585-2 2962 TITLE OF INVENTION: SELF-LOCKING MECHANISM FOR A HOT PLUGGABLE PRINTED CIRCUIT BOARD APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(5) DUE DATE DUE nonprovisional NO \$1330 \$300 \$1630 07/19/2004 EXAMINER ART UNIT CLASS-SUBCLASS GUSHI, ROSS N 2833 439-325000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.63). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Tee Address' indication (or "Fee Address" Indication form PTO/SB/122) attached. "Tee Address' indication for more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. Inclusion of assignce data is only appropriate when an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE				or <u>Fax</u>	(703) 746-4000		
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□ Publication Fee □ Advance Order - # of Copies □ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number <u>(enclose an extra copy of this form).</u> Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. (Authorized Signature) (Date) NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or case. Any comments on the amount of time you require to complete this form and/or			4b. I	Payment of Fee(s):			
Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. [Authorized Signature] [Otate] NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or officer. U.S.	☐ Issue Fee						
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other than the applicant; a registered attorney or agent; or the assignice of other party in interest as shown by the records of the United States Patent and Trademark Office. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or accomments on the amount of time you require to complete this form and/or	(Authorized Signature)		(Date)	_			
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/719,703	11/20/2003	Paul E. Westphall	200302585-2 (1662-66501)	2962	
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HEWLETT PACKARD COMPANY			GUSHI, ROSS N		
P O BOX 272400, 3404 E. HARMONY ROAD INTELLECTUAL PROPERTY ADMINISTRATION FORT COLLINS, CO 80527-2400		OAD STRATION	ART UNIT	PAPER NUMBER	
		Idelion	2833		
			DATE MAILED: 04/19/200	14	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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	Application N .	Applicant(s)	
Nation of Allowskills	10/719,703	WESTPHALL ET AL	<u>. </u>
Notice of Allowability	Examiner	Art Unit	
	Ross N. Gushi	2833	
The MAILING DATE f this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI- of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this a or other appropriate communication GHTS. This application is subject	pplication. If not include on will be mailed in due	ed course. THIS
This communication is responsive to			
2. 🔀 The allowed claim(s) is/are <u>1-9</u> .			
3. The drawings filed on 20 November 2003 are accepted by	the Examiner.		
4. Acknowledgment is made of a claim for foreign priority un a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" on the below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be submited in INFORMAL PATENT APPLICATION (PTO-152) which give an including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the proper No./Mail Off and/or INFORMATION about the depose attached Examiner's comment regarding REQUIREMENT (see 2. See 2. See 2. See 3.	been received. been received in Application No. cuments have been received in this of this communication to file a replent of this application. Sitted. Note the attached EXAMINE is reason(s) why the oath or declar to be submitted. on's Patent Drawing Review (PTO a Amendment / Comment or in the series of BIOLOGICAL MATERIAL is it of BIOLOGICAL MATERIAL.	s national stage applically complying with the real R'S AMENDMENT or Noration is deficient. D-948) attached Office action of wings in the front (not the 1(d).	quirements IOTICE OF
 Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 11/20/03 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	5. Notice of Informal 6. Interview Summar Paper No./Mail D 7. Examiner's Amen 8. Examiner's Stater 9. Other	ry (PTO-413), pate dment/Comment	

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney J. Harris on 3/29/04.

The application has been amended as follows:

Claim 7, line 1, after "claim" delete "9" and insert -5- and after "rotating" delete "lock."

Claims 1-9 are allowed. The following is an examiner's statement of reasons for allowance: Regarding claim 1, the prior art does not suggest the mechanism as claimed, including the combination of all the claimed elements, the combination including the plurality of sliding members and rotating members as claimed and including the actuator rotatable to lock and unlock the sliding members as claimed. Regarding claim 5, the prior art does not suggest the PCA as claimed, including the combination of all the claimed elements, the combination including the a self-locking mechanism located on the top edge of the assembly as claimed, the plurality of sliding members and rotating members, each rotating member adapted to engage a sliding member, and the actuator rotatable to lock and unlock the sliding members as claimed. Regarding claim 8, the prior art does not suggest the PCA as claimed, including the

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combination of all the claimed elements, the combination including the self-locking mechanism located on said top edge of the board and including the a plurality of sliding members adapted to slide along a top edge of the circuit board, and the plurality of rotating member for engaging the sliding members and including the locking means for locking the sliding members.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ross Gushi whose telephone number is (571) 272-2005. If attempts to reach the examiner by phone are unsuccessful, the examiner's supervisor, Paula A. Bradley, can be reached at 571-272-2800 extension 33. The phone number for the Group's facsimile is (703) 872-9306.

HOSS GUSHI PRIMARY EXAMINER

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